

#### ABSTRACT

The invention features methods for treating various diseases, disorders and/or conditions, including injuries and wounds, as well as diseases, disorders and/or conditions for example that relate to or are characterized, in whole or in part, by decreased  $\beta$ -cell mass, decreased  $\beta$ -cell number, and/or decreased  $\beta$ -cell function, in a subjects including humans and non-human animals. The methods include administering to a subject an effective amount of one or more compounds including preptins, preptin analogs, preptin agonists, salts thereof, and derivatives thereof.